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UAS	REPORT OF INVESTIGATION (Reference FSH 5309.11)	Case/File Number MAKG0DX
Controlling Office	Investigating Office	
Rocky Mountain Region, LE&I	R2, LEI, SWZ, San Juan	n National Forest
Case Type	Investigative Period	
Fire	From: 10/19/20	To 03/02/20
Case Status	Report Type	
Closed	ROI	
Case Name	Investigated By	
Ice Lakes Fire	Shawn A. Cave LEO #2	146

SYNOPSIS:

A wildland fire was reported on 10/19/2020, on the San Juan National Forest, one half mile up slope from the Ice Lakes trail head, north of Silverton CO in the South Mineral Creek drainage.

The fire consumed approximately 960 acres with no structures threatened, no fatalities and no reported injuries. Helicopter rescue operations were conducted to evacuate trapped hikers on the Ice Lakes Trail.

A Cause and Origin investigation was conducted but no evidence was found at the point of origin.

Distribution		Prepared By:	Shawn A. Cave of Jan 1. Cra	03/02/2021
Unit	Copies		Signature	Date
LEI, WO	X		122	
LEI, Region		Reviewed By:		
LEI, Region		Company Programmer with English Services	Signature	Date
US Attorney			PATRICK BROWN Digitally signed by PATRICK BROWN Date: 2021.03.24 15:27:05 -06'00'	
Other		Approved By:	Date: 2021.03.24 15:27:05 -06'00'	
Other		95.45 5	Signature	Date

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REPORT OF INVESTIGATION

(Reference FSH 5309.11)

Case/File Number

MAKG0DX

DETAILS OF INVESTIGATION:

On 10/29/2020 I responded to conduct a Cause and Origin investigation of a wildland fire northwest of Silverton, Colorado. The fire was located in the South Mineral Creek Drainage to the north of Forest Road 585, one half mile up from the Ice Lakes Trail Head and approximately 75 feet from the trail.

Due to the angle of slope, fire activity and wind, it was deemed unsafe to enter the burn area to search for an Area of Origin. This was due to the fact that large trees were being undermined and falling, causing a dangerous condition for access.

I talked with the San Juan County Under Sheriff who originally reported the fire to Colorado State Patrol. The Under Sheriff pointed out to me where he saw the fire from along Forest Road 585.

I talked briefly with a Mr. Adam MASETH who told me that they had seen a fire in the meadow approximately .7 miles up the Ice Lakes Trail from the trail head.

Helicopter E682 was over the fire at approximately 14:17 hours on 10/19/2020 and reported that the fire was at approximately 15 to 20 acres in size and gave his location to Durango Inter Agency Fire Dispatch.

A rescue operation was conducted by helicopter to transport hikers who were trapped by the fire, which was burning on the Ice Lakes Trail, cutting them off from the trail head. No manifest was taken to record the individuals transported.

On 410/23/2020 I was able to access the area and find an Area of Origin. This area is consistent with the two witness accounts and the area reported by the pilot of helicopter E682.

The Cause and Origin investigation that I conducted did not produce any evidence in the point of origin. The point of origin is at a large flat boulder, seventy-five feet from the Ice Lakes Trail, in a meadow and near the tree line. Natural elements which could have started the fire were ruled out as well as mechanical elements such as motorized trail, road or railroad.

The location of the Point of Origin is remote and along the heavily used and popular Ice Lakes Trail. The only probable factor as to contributing to the start of the fire is human in nature. However, as stated above, no evidence or conclusive evidence was found in the point of Origin. Therefore, the cause of the Ice Lakes Fire is inconclusive.

JUDICIAL ACTION:
NONE
ADMINISTRATIVE ACTION:
NONE
EXHIBITS:

NONE

Incident Report Reference FSH 598 14, Chapter 29) Incident Date 10/19/2026	IIAC HED	A Forest Ser	vice	Wildla	nd Fire		market by a minder of			upplem	ental		Incider	nt Nur	mber	MA	KG0DX
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W	San Juan County	Sheriff's Deputy 20	2								
Addres	s (Home)				Phone	(Home)	Hair (Color	Eye Color	SSN
Addres	s (Business) (Tax	Identification Numb	er if Requ	uired)	Phone	(Work)		Heiç	ght	Weight	License / ID
Name	(Last, First, Middle)				Alias			DC	В	Race	Gender
Addres	s (Home)				Phone	(Home)	Hair C	Color	Eye Color	SSN
Addres	s (Business) (Tax	Identification Numb	er if Requ	iired)	Phone	(Work)		Heiç	ght	Weight	License / ID
VEHICL	EINFORMATION (C	ODE: D - DAMAGE	D. E - EVI	DENCE I - IM	POLIND S	- SUB.	FCT W - V	VITNESS	0 - 01	HEB)	
	License Number	State	VIN			Year	Make	Style		r Informat	ion
	License Number	State	VIN			Year	Make	Style	Othe	r Informat	ion
	TO THE TOTAL PROPERTY.						2				
	License Number	State	VIN			Year	Make	Style	Othe	r Informat	ion
	License Number	State	VIN			Year	Make	Style	Othe	r Informat	ion
INSURA	NCE INFORMATION	(HOME, AUTO, LIA	BILITY, OT	HER)							
	Insurance Company		Number	Insurance	e Agent			Address			Phone Number
										-	
				I						- 1	



Wildland Fire Origin and Cause Supplemental Incident Report

(Reference FSH 5309.11, Chapter 20)

	Incident Number	MAKG0DX
İ	Incident Date	10/19/2020

SYNOPSIS (DATE, FIRE NAME, ESTIMATED ACRES, LOCATION, JURISDICTION); (ESTIMATED COST, DAMAGE; PROPERTY / RESOURCE); (CAUSE; DETERMINED / UNDETERMINED)

On 10/19/2020 at approximately 13:13 hours, a wild land fire was reported on the San Juan National Forest, north of Silverton, Colorado; in the South Mineral Creek Drainage, approximately ½ mile up from the Ice Lakes Trail Head. The fire was named the Ice Lakes Fire and burned a total of 960 acres. The Specific Area of Origin was determined but no evidence was found during the investigation indicating what exactly caused the fire.

DETAILS OF INVESTIGATION: (INITIAL REPORT, INITIAL ATTACK, INITIAL INVESTIGATION, FIRE BEHAVIOR ANALYSIS, STATEMENTS, ORIGIN EXAMINATION, CAUSE DETERMINATION)

INITIAL REPORT AND ATTACK:

On October 19, 2020 at 13:13 hours, Colorado State Patrol Dispatch received a report from the San Juan County Sheriff's Office of a forest fire on the Ice Lakes Trail, on the San Juan National Forest. The report said that the fire was about one hundred feet off the trail and that people were trapped on the trail. The fire was beginning to spread to the trees.

At 13:32, this information was received by the Durango Interagency Dispatch Center in Durango, Colorado. At 13:32, San Juan National Forest Division 8 helicopter E-682 responded to the area. At 14:17 hours helicopter E-682 was overhead of the fire and gave an initial size up of 15 to 20 acres burning in spruce/fir with high spread potential on a 76% slope.

Because the fire was between hikers and the Ice lakes Trail Head parking lot, they were evacuated by chopper. No manifests or names of the passengers were recorded during the rescue operation.

Please see attached initial attack documents for further initial attack descriptions.

INITIAL INVESTIGATION:

The Ice Lakes Fire was burning on a very steep slope in heavy mature spruce/fir with gusting winds. Due to these conditions and the fact that trees were actively falling; it was deemed unsafe to enter into the area until October 22, 2020.

On October 23, 2020 I returned to the Area of the Origin, which was aided by the GPS location that the helicopter gave when the fire was at about ten to fifteen acres on October 19, and by the account provided from a witness as to the distance up the Ice Lakes Trail from the Ice Lakes Trail from the Ice Lakes Trail Parking Iot.

Once I located the Area of Origin, I was able to make out a wide "V" and with the prevailing winds being out of the West, South West on the day the fire started; I could see how the fire was able to burn towards the tree line. From the tree line, I was able to se how it established itself into the timber and become a crowning fire, based on macro indicators.

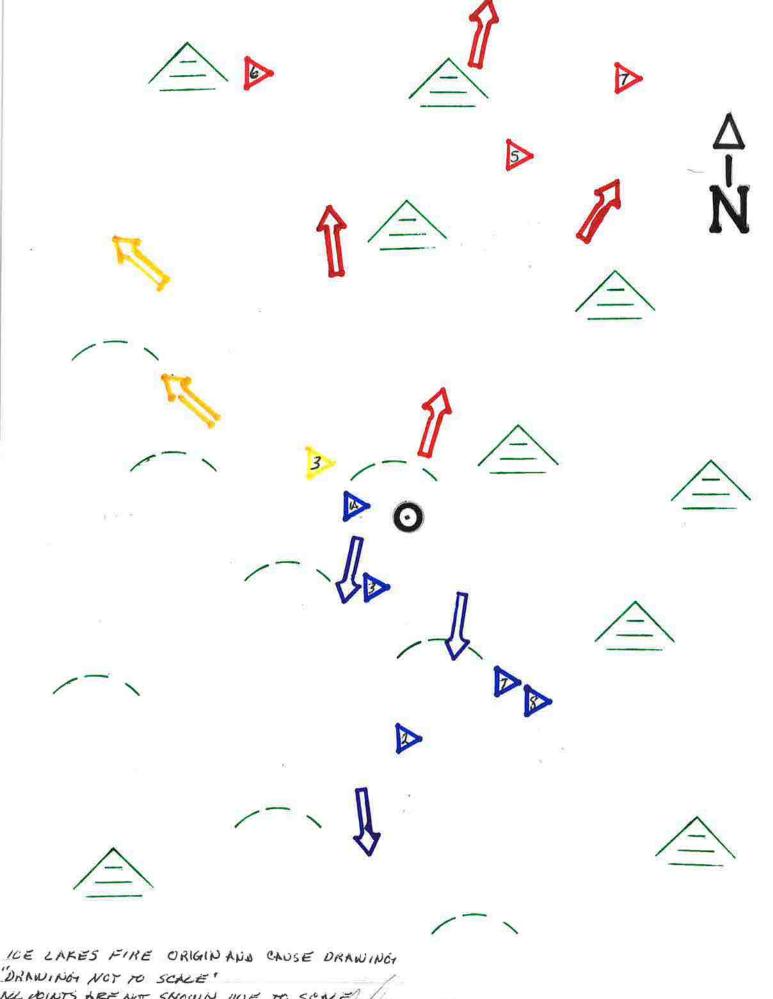
EXAMINATION OF ORIGIN:

The Origin of the Ice Lakes fire was determined to be at a large rock located in a small meadow on the west side of the tree line and about 75 feet from where the Ice Lakes trail cuts back and goes back into the tree line. This large rock is an actual boulder and can be seen from the foot trail, it is flat on top; about two and a half feet high and about five feet in diameter.

Indicators of fire behavior, both macro and micro pointed to the rock as being the point of origin. I detected backing fire going south and south west away from the rock, flanking fire indicators going to the North of the rock and advancing fire indicators going from the rock the tree line which is to the east/north east. Due to the amount of larger rocks that were imbedded in the soil and the fine fuels surrounding them that were consistent with fine fuels found in a high alpine meadow; the burn patter was distinct as low intensity fire made its way through this mosaic. Larger fuels at the tree line provided macro indicators on both standing fuels and large fallen fuels,

USDA Forest Service FS-5300-45 (9/2013)

showing how the fire was able to establish in the timber and gain traction.
Using fire marking flags, I identified eight backing indicators, five flanking indicators and eight advancing indicators. These flagged indicators showed a clear picture of the fire as it moved away from the boulder.
I made a detailed inspection around the boulder attempting to locate any evidence as to what may have stated the fire. I was able to determine that that the fire started on the northeast side of the boulder, but could not find a cigarette butt or any item which would give an indication as to the ignition source.
CAUSE DETERMINATION:
The cause of the fire is undetermined as no evidence was found. However, the boulder is very close to the Ice Lakes trail and makes a good rest stop.



"DRAWING NOT TO SCALE" NL POINTS ARE NOT SHOWN DUE TO SCRE DRAWING BY SHAWN A CAVE

PORTITION CO	USDA Forest S	Service	Wildlar		gin and Ca		mental	Incident Nu	mber	MAKG0DX
UTS					cident Repo			Incident D	ate	10/19/2020
Fire Name	ICE LAKES	S FIRE								
Latitude	37	48	41.9	Longitude	-107	46	47.1	Datum		
FIRE SCEN	NE SKETCH (IN	CLUDE SCAL	E, TITLE, AUTHO	R, NORTH ARRO	W, DATE AND TIN	ME)				
			Ĺ	EGEND FOR	DRAWING AND	POINT MEAS	UREMENTS			
DOINTS:	Moaguraman	te takon usi	na compose do	gross off of no	rth axis from poi	lat of ortals				
Olivio.	Wicdsdreinen	is taken usi	ng compass de	grees on or no	ili axis ilom po	int or origin				
B1, B1A	270 degrees 5		ng fire indicator							
	egrees 23'.		ng fire indicator							
	egrees 8'03"		ng fire indicator							
	egrees 23'08"		ng fire indicator							
88 150 de	egrees 19'10"	Backir	ng fire indicator							
Y3 300 de	egrees 21'10"	Flanki	ng fire indicator	5						
R5 15 den	rees 39'03"	Advan	cing fire indicate	or						
	egrees 48'01"		cing fire indicate							
	rees 21'07"		cing fire indicate							
	rees 63'07"		cing fire indicate							
				V	FORUS					
				L	EGEND					
Red triang	le, advancing	fire indicate	4							
Yellow tria	angle, flanking	fire indicato	or]							
Blue triang	gle, backing fir	e indicator	Ī							
Red arrow	, advancing fir	e activity								
Yellow arro	ow, flanking fir	e activity	€	-						
Blue arrow	v, backing fire	activity	0	-						
Green arch	h, rocky mead	ow								
Green Tria	angle, trees an	d tree line.	/	\wedge						
	*		/	_/						
			-	· ·						
						,	7			
SCALE	se I		AUTHOR	SH	AWN A. CAVE	DATE	10/2	3/2020	TIME	1500

USDA Forest Service Wildle		Wildland Fire Origin and Cause Suppler	mental	Incident Nur	mber	MAKG0DX
		Incident Report (Reference FSH 5309.11, Chapter 20)				10/19/2020
		PHOTOGRAPHIC LOG				
FIRE NAME	Ice L	akes Fire			DATE	10/23/2020
CAMERA		PHOTOGRAPHER S	Shawn A. Ca	ive		

USDA Forest Service

1 2 3	Area of Origin	(COMPASS)
	1/25-3-2-3-1910	East
3	Area of Origin	East
	Area of Origin	East
4	Area of Origin	East
5	Area of Origin	East
6	B1, Backing, protection along top left of rock	East
7	B1A, Backing, protection from the boulder	East
8	B2, Backing, shows protection on the left and left bottom of rock	East
9	B3, Backing, protection along the left side of the rock	East
10	B4, Backing, protection of grasses and back side of rock in center of photo	East
11	B5, Backing, protection of rock along top left edge	East
12	B6, Backing, protection along bottom edge of rock	East
13	B7, Backing, protection along the bottom edge of rock	East
14	B8, Backing, protection along the bottom and left edge of the rock	East
15	B8, alternate angle, Backing, protection along bottom edge of rock	East
16	Y1, Flanking, charring on fine fuel, protection on back	East
17	Y2, Flanking fire mying to NE with protection from large rock surface	NE
18	Y3, flanking fire moving to NE away from origin with protection.	NE
19	Y4, flanking fire through the small aspens as observed from the base of the trees	North
20	Y5, flankig fire moving N, NE; protetion on back of small log and rock net to the flag	NE
21	R1, advancing fire on fine fuels, charred front with protextion behind	NE, E
22	R2, advancing fire through (micro indicator) through fine fuels	East
23	R3, advancing fire on fine fule charring on leading edge with less on the back	East
24	R4, advancing fire, note fire consumption of white ash and ash deposite on rok	East
25	R5, advancing, Macro burn pattern in canopy, white ash intensity, small fuel consumption	East
26	R7, advancing, intensity of consumption, small fuels all show cupping consitent with advancing fire	East
27	R7, Advancing, showing burn pattern of canopy	East
28	R6, Advancing fire, burn pattern on trees	NE, E
29	R8, Advancin fire on bottom log. Top log elevated from gound allowing consumption on left, right and bottom	East

Instructions for filling out the FS-5300-45, Wildland Fire Origin and Cause Supplemental Incident Report LOCATION

Fire Name: The fire incident name assigned to the individual fire. If several fires have been combined into a Complex, use the individual name of the fire rather than the Complex name. There may be several independent investigations for the various individual fires within a Complex, each requiring an individual O&C report.

WildCAD Incident Card - Durango Interagency Dispatch Center: CO-SJF 2020-1214

"Ice" Wildfire 10/19/2020 13:32:00 Order Number: CO-SJF-001214

Area C12 (COL)

Controlled Unclassified Information//Basic

Reporting Party: San Juan State Patrol (b)(6)

Mona

Initial Report On Conditions:

Silverton fire in Ice Lake people trapped 201 is on scene no cell service no lat long - trees on fire (one spread to two) want retardent, it is 100 feet off trail.

Initial Location:

Lat: 37°, 48.408', Lon: 107°, 46.452', T41N, R8W, SWSW Sec 17

Actual Location:

Lat: 37°, 48.658', Lon: 107°, 46.8', T41N, R8W, NESE Sec 18

Incident Notes:

Basin dipsite 37 48.601 x 107 47.76 Jim Donovan Emergency Manager San Juan Couty

(b)(6)

Dispatcher: Burkett, Lindsey Status: Open

Sequence #: 298

Fiscal Codes: P2NPD3-0213

Web Comment:

SO# 189 IQCS#518349

Timer: OPEN Timer for Resource PBC

Timer: OPEN Timer for Resource HB-3PJ
Timer: OPEN Timer for Resource AA-0DS

Timer: OPEN Timer for Resource H-33HX

Timer: OPEN Timer for Resource HB-116

Timer: OPEN Timer for Resource AA-0JK
Timer: OPEN Timer for Resource H-0TA

Timer: OPEN Timer for Resource H-01A
Timer: OPEN Timer for Resource H-28HX

Timer: OPEN Timer for Resource H-28HX

Timer: Closed Timer for Resource PBC T-832 & T-834
Timer: Closed Timer for Resource GJC T-838 & T-860

Timer: Closed Timer for Resource CRC T-882 & T-863

Timer: Closed Timer for Resource HB-116

Timer: Closed Timer for Resource AA-0DS

Timer: Closed Timer for Resource H-28HX

Timer: Closed Timer for Resource Bravo 28

Incident Commander(s):

10/19/2020 1735 Brad Peitruszka ICT3 Effective 10/19/20 @ 1733 10/19/2020 1512 Frank Stuckman IC Effective 10/19/20 @ 1510

Resource Details:

BC-34-D:

Responding at 10/19/2020 14:45:41, On Scene at 10/19/2020 17:08:55

BC-51-D:

Responding at 10/20/2020 09:41:28

BC-61-P:

Responding at 10/20/2020 08:46:50, On Scene at 10/20/2020 12:18:36

CH-1:

Responding at 10/20/2020 13:53:40

CH-3:

Responding at 10/19/2020 14:52:48, On Scene at 10/19/2020 17:08:55

D-6-P:

Responding at 10/19/2020 15:08:29, On Scene at 10/19/2020 20:21:18

D-8-C:

Responding at 10/20/2020 09:53:37, On Scene at 10/20/2020 11:35:23

SJF 2020-1214

Controlled Unclassified Information//Basic

Printed 10/20/2020 13:59

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Controlled Unclassified Information//Basic

B-1-DFRX:

Responding at 10/19/2020 20:18:14, On Scene at 10/19/2020 20:18:17

B-62-UPFX:

Responding at 10/19/2020 13:48:19, On Scene at 10/19/2020 16:25:12

E-3629:

Responding at 10/19/2020 20:20:19, On Scene at 10/19/2020 20:20:26

E-4151:

Responding at 10/20/2020 07:15:43, On Scene at 10/20/2020 08:57:01

E-611 ALF:

Responding at 10/19/2020 13:53:03, On Scene at 10/19/2020 15:09:04, Released at 10/19/2020 20:32:15

MOD 43:

Responding at 10/20/2020 07:15:30, On Scene at 10/20/2020 08:57:01

F-81-C:

Responding at 10/19/2020 16:02:23, Returning at 10/19/2020 18:07:02, Released at 10/19/2020 19:37:57

AA-ODS:

Responding at 10/19/2020 14:04:11, On Scene at 10/19/2020 15:10:59, Released at 10/19/2020 19:24:00, Responding at 10/20/2020 09:56:29, On Scene at 10/20/2020 12:11:51

H-28HX:

Responding at 10/19/2020 14:04:16, On Scene at 10/19/2020 15:10:59, Released at 10/19/2020 19:24:00, Responding at 10/20/2020 12:11:47

H-33HX:

Responding at 10/20/2020 10:04:33

HB-116:

Responding at 10/20/2020 10:56:23, On Scene at 10/20/2020 12:11:51

HB-3PJ:

Responding at 10/20/2020 08:45:46, On Scene at 10/20/2020 12:11:51

FS 2146:

Responding at 10/19/2020 16:30:29, Released at 10/19/2020 20:19:47

Cpt-6-P:

Responding at 10/20/2020 08:47:00, On Scene at 10/20/2020 12:18:36

Cpt-82-C:

Responding at 10/19/2020 13:48:30, On Scene at 10/19/2020 15:32:35, Returning at 10/19/2020 19:54:25, Released at

10/19/2020 21:15:40, Responding at 10/20/2020 07:47:22, Released at 10/20/2020 10:15:44

Hautumaki:

Responding at 10/19/2020 16:53:52, On Scene at 10/19/2020 16:53:55

Simino-C:

Responding at 10/20/2020 09:53:51, On Scene at 10/20/2020 11:35:23

SJ Medic 5:

Responding at 10/19/2020 19:05:16, On Scene at 10/19/2020 20:23:29

Entry Date/Time	From	То	Details
10/19/2020 13:37:54	Div8	LB	send E-682 helicopter and AA > no commo with E-682 > cpt 82 called and will responde.
10/19/2020 13:47:28	LB	Fogel	request for AA and H-28HX > kneeboard sent
10/19/2020 13:48:12	Div 8	LB	Cpt82 Frank / B62 > are headed that way also request Shawn Cave for INVF > will call
10/19/2020 13:49:45	LB	Email	Email SJF-2020-1214 Ice Lakes Trailhead: Unit COL, Responding to smoke report in C12, Comments AA-0DS, H-28HX, Cpt82 and Brush 62 Sent to: Fire & Aviation, group
10/19/2020 13:49:50	LB	Email	Email SJF-2020-1214 Ice Lakes Trailhead: Unit COL, Responding to smoke report in C12, Comments AA-0DS, H-28HX, Cpt82 and Brush 62 Sent to: Fire Information group
10/19/2020 13:52:04	Cpt82	LB	responding adviced AA-0DS and A/G 9 as well as resource e/r route.
10/19/2020 13:54:05	LB	S. Cave	relay request for INVF left message.
10/19/2020 13:56:25	Rod Allen	DW	We were asked to respond by Silverton Fire Not responding yet, do you have any intel?//Ice Lakes TH and advised who we were sending.
10/19/2020 13:56:34	LB	RMACC	Can divert from Troubelsome let us know as soon as possible. > when we get fed on scene we will see what is requested.
10/19/2020 14:00:11	E-611	LB	responding
10/19/2020 14:00:30	Firewatch	DW	UPDATE>>Detection at 37.810969 x 107.779957. 10-15 acres
10/19/2020 14:00:35	Jordan	JM	driving south of purg and sees black smoke
10/19/2020 14:00:47	B-62	LB	responding from Beavor Meadows

Entry Date/Time	From	То	ntrolled Unclassified Information//Basic Details
10/19/2020 14:01:51	Div 8	JM	is having some of the IHC head to the fire
10/19/2020 14:03:11	AA-0DS	LB	off 2SOB 4+30FOB 10 ete +aff
10/19/2020 14:06:07	Div8	LB	Order an INVF in IROC. > will need to wait till get on scene with lat long and charge code.
10/19/2020 14:11:21	B-28	LB	B28 and T-168 AV to divirt now
10/19/2020 14:12:01	AA-0DS	LB	do you want B28 and T-168 AV to now > yes head this way > relayed B-28 will close out and head this way
10/19/2020 14:13:54	AA-0DS	LB	Cancele B-28 and LAT due to terrain > Type 1 > 4 Type 1 helicopters > RMACC will contact B-28 to cancell.
10/19/2020 14:16:59	CRC	LB	B28 31 ete > they are cancelled > will relay
10/19/2020 14:17:44			SIZE UP: right at ice lake 15-20 acres psiurce fure spread high best access ICE lakes trailhead structre just campground character torching and spotting 76% slope, posiiton lower 1/3 aspect South, WX clear over fire winds west at 10-15 mph, control buring in heavy timber some open ground that it will run into wind will push downcanyon towards highway 550 > call it the ICE - Basin for bucket work couple of the ponds additionally get alhold of CPS and get silverton up on
10/19/2020 14:19:10	CSP	JM	requesting help, told them we are on scene
10/19/2020 14:20:48	AA0DS	LB	Basin dipsite 37 48.601 x 107 47.76
10/19/2020 14:21:19	JM	CSP	have sliverton fire switch to Vfire 21 and a/g 9
10/19/2020 14:21:57	Sup 1	DW	+ 2 responding
10/19/2020 14:22:36	DW		FireCode Requested
0/19/2020 14:23:50	DW	DIV 8	Can they dip 37 48.601 x 107 47.76?//Affirm.
0/19/2020 14:24:54	AA-0DS	LB	relayed Basin Approvedsix singel engel arir tankers
10/19/2020 14:28:03	DIV 8	DW	ACTION>>Bryson and Hautomaki are enroute. Bryson will be ICT3 if needed.
10/19/2020 14:29:59	CRC	LB	can we still get Bravo 28 > ;yes finishing drop and CRC will call with ETE
10/19/2020 14:32:21	DIV 8	DW	ACTION>>CH-3, BAT 34, and DIV 6 will be responding. They will call when enroute.
10/19/2020 14:36:16	DW	MTC	Any INVF?//We will check
10/19/2020 14:37:16	AA-0DS	LB	on scene flight follow with AA . looking for hikers 18-20 stuck at ICE Lake evac them out 1600
0/19/2020 14:39:37	JM	RMA	notified Bruce of the fire
0/19/2020 14:42:30	PBC	JM	lindsey calling to see if nebo is smoking, notified her of new start
0/19/2020 14:43:36	RMACC	LB	send two SEAT and 1 Type 1 order to PUB rest to RMACC
0/19/2020 14:45:07	CRC	LB	35 ete to ICE
0/19/2020 14:45:46	DW	PBC	Any INVF?//l'll check and call you back.
0/19/2020 14:50:30	TIPTON	JM	CALLED TO CONFIRM RESPONSE UNIT
0/19/2020 14:50:47	LB	Email	Email SJF-2020-1214 Ice: Unit COL , O/S inc # 1214 , Size: 15-20 acres , Comments Request for ASM, 6 SEAT, 4 Type 1 Helo Sent to: Fire & Aviation group
0/19/2020 14:50:54	LB	Email	Email SJF-2020-1214 Ice: Unit COL , O/S inc # 1214 , Size: 15-20 acres , Comments Request for ASM, 6 SEAT, 4 Type 1 Helo Sent to: Fire Information group
0/19/2020 14:52:15	JM	LOG	submitted TFR
0/19/2020 14:55:10	PBC	LB	do you want us to have Type crew and fule truck to head that way > yes will confirm and advice.
0/19/2020 15:06:56	N116	LB	Brian Krauly (5)(6) Canon City > flying with pilot and bucket can he fly internal and is someone there to help put it on > asked AA > yes at Basin Dipsite.
0/19/2020 15:07:01	СНЗ	JM	setting up type 3 team, would like to order Andy Lyons PIO t from pueblo, nerv 4x4, laptop, cell, camera approved needed 10/20 @ 1400 south mineral creek
0/19/2020 15:08:59	E 611	DW	Oń scene.
0/19/2020 15:09:03	AA-0DS	LB	Are you talking to an IC > negative Silverton Fire on VF21

Entry Date/Time	From	То	trolled Unclassified Information//Basic Details
10/19/2020 15:11:24	E 611	DW	Tied in with CAPT 82. He will be IC.
10/19/2020 15:20:16	RP	DW	I see a smoke North of Missionary Ridge?//We have a fire in Silverton//That would make sense (6)/(6)
10/19/2020 15:22:50	PBC	DW	T-832/834 enroute from Freemont, 1 SOB, 4 fuel, 50 etc.
10/19/2020 15:25:01	Bryson	DW	+ 1 enroute.
10/19/2020 15:28:14	CH1	JM	there is a t6 engine in MTC, can place an order
10/19/2020 15:31:33	AA-0DS	LB	relayed T-832 & T-834 T-838 and T-860 ete to fire will take T2S for one Type 1 and will have Type 1 out of Laramre H-60CU come tomorrow
10/19/2020 15:31:47	DW	LOG	Left VM for all local qualified INVF. No joy local.
10/19/2020 15:32:59	B Cervante	JM	will keep trying to get an INVF and has told folks to take photos of the area
10/19/2020 15:34:06	IC	DW	Tied in with SJX and joint command. They will be handling evacs, told AA that I'm on scene.
10/19/2020 15:37:12	ICE	JM	staging 37 48.385 107 46.432
10/19/2020 15:38:25	IC	JM	ordering IC3 and mark 3 through the DO, cause is unknown
10/19/2020 15:41:38	JM	MTC	ordering type 6 fed engine
10/19/2020 15:53:46	B62	LB	in Silverton getting fuel then will head that way.
10/19/2020 15:55:17	Sup 1	JM	on scene
10/19/2020 15:58:55	НВЗРЈ	LB	Jake crew swap and winds will be there tomorrow 10/20 @ 1000 > send contact info.
10/19/2020 16:05:11	Ch1	JM	order another type 6 from montrose
10/19/2020 16:07:56	IC	JM	update, still in evac process, lead done a couple passes, will put seats to work
10/19/2020 16:10:04	Bryson	LB	GA tonight and will have someone there at DATB tomorrow.
10/19/2020 16:10:46	СНЗ	JM	may get terry kidd to put a SOA repeater. I let him know comms on kendal are LAC
10/19/2020 16:14:34	IC	JM	clarify command on kendal/ AG9 vfire 21 firetac 7
10/19/2020 16:15:41	2146	JM	will be enroute shortly
10/19/2020 16:19:51	Jim	LB	Jim Donovan Emergency Manager San Juan Couty (6)(6) Agency Adminstator
10/19/2020 16:24:59	IC	JM	brush 62 on scene
10/19/2020 16:25:57	HB116	LB	getting head winds will contact AA to see if go direct due to pumpkin
10/19/2020 16:28:33	IC	JM	started retardant on right flank
10/19/2020 16:42:41	MTC	LB	has made commo with T-838 / T-860 & T-882 / T-863
10/19/2020 16:45:08	LB	AA-0DS	Relayed HB116 20 ete inguire about going direct to GA due to wind and pumkin
10/19/2020 16:54:06	Bryson	JM	on scene with hautamaki
10/19/2020 16:54:59	AA-0DS	LB	relay WL27 10 ete form 3SOB 2+30FOB IFR ete 10
10/19/2020 17:03:28	IROC	LB	T-832 & T-834 release and PBC adviced
10/19/2020 17:09:16 10/19/2020 17:12:13	IROC	LB	+ BC 34 on scene. T-860 & T-838 released and GJC adviced > they are headed to
10/19/2020 17:14:14	AA-0DS	LB	IC AA rotor on at 0800 H-116 at GA and then tomorrow at
10/19/2020 17:19:33	H-116	LB	DATB, will call back with a size 12ete will call when landing'
10/19/2020 17:19:55	IROC	LB	T-882 and T-863 released and CRC notified
10/19/2020 17:27:26	HB116	LB	HMGB in at 2100 to DRO will call and fuel truck will try for PAG if they cant make it to DRO, will follow with HMGB. Adviced on at 0800 ready to fly at 0830, will get gas
			tyle in with tim and on tomorow.
10/19/2020 17:29:38	IC	DW	I want the AC to do their pre-flight at 0800.
10/19/2020 17:35:05	CH 3	DW	TRANSFER OF COMMAND>>Petruszka is ICT3.
0/19/2020 17:40:38	WL27	LB	320 acres e/r to DRO for fuels and then Nebo and 1215
0/19/2020 17:40:51	DW		Acres set to 320
10/19/2020 17:47:04	IC	LB	1 Tactical Type 2 water tender, 3 Type 2IA crews, contact CSP highway 550 visibility signs for smoke on the 550 > wants a list of resource that have been ordered.

Entry Date/Time	From	То	Details	
10/19/2020 17:48:18	Bryson	JM	requesting spot, 9800 bottom, 11600 top, timber, unsure of closest RAWS, read at 0600, mail to brad and ian	
10/19/2020 17:49:43	AA-0DS	LB	Refuel and then will pickup guys and head in	
10/19/2020 17:50:51	RMACC	LB	Helibase Manager with 10 days left off of Mullen (John G Knobel). > order him up.	
10/19/2020 17:52:46	IC	DW	Let CSP know that there will be smoke in the area and they will need to be in the area.	
10/19/2020 17:53:36	Ray Bubb	DW	We will have 2 T2 crews in the area tomorrow.	
10/19/2020 17:55:14	DW	SJ Medic 5	Respond per IC.	
10/19/2020 17:57:18	DW	CSP	Advised Christy of the smoke impact from the fire and requesting CSP presence in the area.	
10/19/2020 17:59:35	JM	NWS	submitted spot forecast	
10/19/2020 18:03:24	IC	DW	UPDATE>>Still looking for a couple of lost hikers. S. Mineral firing to get an anchor.	
10/19/2020 18:04:52	IC	DW	ORDER>> Chris Roberson with Type 6 for 0900 at Silverton Fire Department. This will be staging.	
10/19/2020 18:06:04	Div 8	JM	have the IC contact him or james, if the MMA can fly the nebo that is good, forget the smoke report	
10/19/2020 18:07:14	F-81	DW	Returning, ETA 2 hours.	
10/19/2020 18:10:05	RMACC	DW	We would like a 209//Per IC would be 2000 at the earliest/Disregard then.	
10/19/2020 18:14:00	JM	Log	emailed spot to brad and ian	
10/19/2020 18:14:33	Corp Silve	DW	Will have a deputy head up to Silverton FD. Will have the trooper call you when I figure out who I am going to send.	
10/19/2020 18:33:34	Corp Silve	DW	We wont make it out tonight, CDOT has 2 signs up on each side of the hill//Advised IC	
10/19/2020 18:34:23	AA-0DS	LB	on the ground	
10/19/2020 18:40:03	Godson	JM	(b)(7)(F)	
10/19/2020 18:45:11	Sovocool	JM	(b)(7)(F)	
10/19/2020 18:47:28	H-28HX	LB	H-28HX pulled out 21 people and the A-Star (non FS Life	
10/19/2020 18:52:03	RMACC	LB	Flight) pulled 9 people extracted. do we need frequiences will process tomorrow	
0/19/2020 18:55:41	IC	DW	ORDER>>1 EA A/A, 2 EA TACS, 1 EA A/G.	
0/19/2020 19:19:17	RMCC	JM	Marco wants a stripped down 209 put in	
0/19/2020 19:23:21	JM	Div 8	notified of explosive shed	
0/19/2020 19:33:42	LB	H-28HX	Rustin ok with just ship on RO and subordinate on RMA	
0/19/2020 19:34:22	IROC	LB	orders placed for A-15 through A-19 DTN 10/20 @ 0800	
0/19/2020 19:36:37	RMACC	LB	no need to request MMA this is IA	
0/19/2020 19:54:45	CPT 82	DW	Clear of fire enroute DRG.	
0/19/2020 20:01:37	Div8	LB	completed 209	
0/19/2020 20:07:39	IC	DW	On Scene>>Brush 1, Montrose E 3629, E-651 from GMUG, E 611 ALF. CH 3, DIV 6, BAT 34, Hautomaki, Bryson, FS 2146. E 611, Bryson, Hautomaki, and FS 2146 will travel back tonight Will get lodging in Silverton for the rest of the resources.	
0/19/2020 20:17:13	IC	DW	UPDATE>>Crew 8 will be coming out in the morning. Also, we will be ordering some miscellaneous overhead tomorrow.	
0/19/2020 20:19:42	FS2146	LB	will track with CSP show clear of the fire.	
0/19/2020 20:23:50	IC	DW	SJ Medic 5 just showed up.	
0/19/2020 20:32:46	IC	LB	relayed HB-116 and H-28HJ on at 0800, AA-0DS over the fire 0930, relay HB-0CU at DATB 10/20 0945 amd HB-803PJ TBD, HB-33HX at DATB 1230, Relay Frequ placed and will still use A/A 1 and A/G 9 1500 MMA order for 10/20	
0/19/2020 20:45:02	IROC	LB	MMA order has been placed.	
0/19/2020 21:03:55	E611-ALA	LLM	released, will begin travel home 10/20 0600	

Entry Date/Time	From	To	Details	
10/19/2020 21:15:23	IC	LLM	Order a TY3 Logistics, NEV, Laptop etc, authorized. fire briefng at 0730. resources off line between 21:30/22:00. Lodging tonight at Triangle Hotel.	
10/19/2020 21:53:12	E611 ALA	LLM	Leaving fire e/r DRO	
10/19/2020 21:53:50	Rick	LLM	24HD o/s Rocky Mtn.	
10/19/2020 21:58:01	ICE OPS	LLM	All resources off line, e/r Silverton lodging.	
10/19/2020 22:21:19	IC	LLM	Name request for SITL,t James Savage from Montrose BLM, be at ICP 09:00 10/20 , AOV, Laptop, Cell authorized. He has been cleared by his unit.	
10/19/2020 22:54:50	IC	LLM	21:40 Need 1copy/scan/printer device delivered to ICP 10/20	
0/19/2020 22:56:44	E611 ALA	LLM	arrived DRO at hotel.	
10/20/2020 06:21:19	IC	LLM	Name request Kelly Boyd UASPfrom GJ, artriel ignition, needed today 1200, quuipment, cell, rental authorizee	
10/20/2020 06:37:08	Mod43	LLM	E4151 e/r fire w/chase, eta 2hrs.	
0/20/2020 06:48:30	IC	LLM	Request 2 TY6 Eng., 2 TFLD 1200 today at ICP	
10/20/2020 06:52:06	IC	LLM	name request Randy Chapel, DIVS from GJ 10:00 today, AOV, laptop, cell authorized	
0/20/2020 06:53:09	IC	LLM	BC-61 Jesse Jones will be at fire today	
10/20/2020 07:26:55	HB-116 Tim	LB	HB-116 Fuel truck out of 1000.	
10/20/2020 07:32:45	H-3PJ John	LB	John H-3PJ will go get fuel at GA; first then head to DATB in around 1000 will call on national	
0/20/2020 07:50:19	Capt 82	LLM	+2 From C8 E/R ICP eta 0930	
0/20/2020 07:54:15	IC	LLM	DFRA WT 12 briefed and on scene.	
0/20/2020 07:59:19	OPS	DW	All resources briefed and on the line.	
10/20/2020 08:01:41	IROC	LB	Orders placed for Randy Chapplle O-9 placed to MTC, Kelly Boyd O-8 placed to RMACC GJC, James Savage O-5 direct to MTC, 2 Type 6 (E-5 & E-6) 2 TFLD (O-6 & O-7) Type 3 Logs O-10 placed up. > RMACC and MTC notified.	
0/20/2020 08:04:48	IC	DW	We have trigger points for power and road closures.	
0/20/2020 08:07:40	ICE Ops	LB	Gave Line up for what we have at DATB what is coming in, DATB base of opseration for air until we find something else, MMA put, notified of Drone. > sent AC Phone and filled Frequs.	
0/20/2020 08:12:53	OPS	DW	We will run with yesterday's freqs, so we can do a clean transition tomorrow.	
0/20/2020 08:20:17	LB	Fogel	left message for a call back.	
0/20/2020 08:24:58	LB	HB-116	Per Field Ops can you fly with bucket to fire from DATB > yes > adviced of new TFR > FAO said Operating out of Purg for the day and night at DATB > will check	
0/20/2020 08:36:43	GJ	DW	H-3PJ 1 10 ete dro, 6 SOB.	
0/20/2020 08:38:15	FTC	LB	HB-0CU lifted but then returned will be delayed will advice when have more info.	
0/20/2020 08:48:09	BAT 61	DW	+ CAPT 6 enroute.	
0/20/2020 09:08:45	OPS	DW	Due to smoke, will hold off on AA @ 0930.	
0/20/2020 09:09:24	OPS	DW	No AC due to visibility.	
0/20/2020 09:13:33	LB	Fogel	relay due to smoke not launching Aircraft goes for AA and helo. Also H-3PJ can got direct to DATB for fuel cntact on Ramp > passed to MTC to have them go direct.	
0/20/2020 09:35:38	Lance	LB	HB-06CU delayed still > matinance turned around for a second time will advie when know more. West of downtown Denver return until the ship is working.	
0/20/2020 09:41:52	FTC	LB	HB-0CU tried again indicator light > gave contact for Lance to FTC	
0/20/2020 09:52:14	OPS	DW	Would like AA over fire.	
0/20/2020 09:52:38	Kurt	LB	HB-33HX sending order for booster	
0/20/2020 09:53:25	DIV 8	DW	+ Ranger 8 enroute.	
0/20/2020 09:56:19	Fogel	LB	1 Type 3 (standard) DTN 10/20 1200 DRO order for Relief AA report to DATB for maintence 10/20 1100	
0/20/2020 09:59:17	Fogel	LB	Relayed order for AA	

Entry Date/Time	From	То	Details	
10/20/2020 10:30:47	Barborinas	JM	is on 2020 R2 Support as SOPL, going to see if he can stay on that order and help out	
10/20/2020 10:31:21	IROC	LB	S-3 filled and S-4 Cancelled see IROC doc for Bob's Johns at DATB.	
10/20/2020 10:33:17	Godson	JM	Durango Herald had someone contact them offering drone footage of hte fire last night. Herald declined but let esther know. Esther notified bryson, wants us to notify fogel	
10/20/2020 10:42:42	PUB	LB	H-0TA taking off soon will call DRC and talk to aircraft regarding KB	
10/20/2020 10:42:55	JM	CH-1	notified of Drone footage offered to Durango Herald last	
10/20/2020 10:43:27	H-33HX	LB	taking off from MTC shortly report adviced of new frequ	
10/20/2020 10:51:23	Deal	JM	Vickie checking to see if we can spend a little more on meals, spoke with richard and he said yes	
10/20/2020 10:53:27	CRC	DW	AA-0JK 5 etc. 2 SOB, 4 fuel.	
10/20/2020 10:53:44	AA	LB	Order for 2 Type 1s for buckets > KB sent to HB-116 & HB-39J	
10/20/2020 11:03:20	HB-3PJ	LB	only have 6 and three en route	
10/20/2020 11:10:58	IC	DW	Name request Sean Brown BCMG. Today at 1500.	
10/20/2020 11:32:39	Bryson	LB	order another Medium Type 2 Standard on SJF Supprot DTN 10/20 1800 everything approved.	
10/20/2020 11:35:16	Lance	LB	H-0CU back NR tac sensor dont have one has benn to be ordered from Sant Burnindeno arrive in FTC 1600. ealiest.	
10/20/2020 11:46:22	PBC	LB	0TA 60 ete 3SOB 2+45	
10/20/2020 11:52:41	OPS	DW	We will take the MVP T6 tomorrow at noon.	
10/20/2020 11:55:50	DstBstr	JM	in montrose right now	
10/20/2020 12:00:15	FS2146	ML	in the area, will not track with us unless he gets more involved. let him know about the drone last night but no other info on it	
10/20/2020 12:05:50	AA-0DS	LB	Type 3 helo > gt them fuelled and out to fire for a recon as soon as they get in >	
10/20/2020 12:09:07	H-28HX	LB	chase to purg for fuel	
10/20/2020 12:16:11	LB	LB	p/u 3 at mineral helispot at the heel of the fire dont need flight helmets Mineral 37 48.358 x 107 46.419	
10/20/2020 12:38:45	Stacia	LB	Purg Helispot (AC Re-fueling) 37 37.488 x 107 48.722 show both drive crew and fuel truck for H-28HX and H-33HX headed that way	
10/20/2020 13:03:36	Plans	DW	New ICP Silverton City Hall. Don't worry about orders already placed, I'll pick them up.	
10/20/2020 13:05:24	Lewis	DW	Heading to Silverton to talk with IC to discuss BLM action points. Will track with Montrose.	
10/20/2020 13:11:21	Bryson	LB	per Fogel via text cancel Type 1 that is broken talked to OPs and dont need them	
10/20/2020 13:19:16	LB	HB-0CU	has been canclled relayed to Lance and RMACC due to Mechanical > will talked to R2 HOS and see if they are gettin greassinged.	
10/20/2020 13:34:14	C129	LB	Dustbuster is 2 hr ete	
10/20/2020 13:53:52	CH 1	DW	+ Kara enroute.	

Controlled Unclassified Information//Basic

Ground:

Rx169.925Tx164.9375 Tone131.8 Kendall ADDED 10/19/2020 16:18:41

Air - Air:

127.3250 (Primary) ADDED 10/19/2020 15:11:50 133.5000 (10/20/20) - TFR ADDED 10/20/2020 09:18:03

Air - Ground:

09: 166.9125 ADDED 10/19/2020 13:47:59

171.4750 (10/20/20) CHANGED 10/20/2020 09:19:03

TAC1:

166.7250 ADDED 10/20/2020 09:18:19

TAC2:

168.0500 ADDED 10/20/2020 09:18:31

VFIRE 21:

154.2800 ADDED 10/19/2020 16:22:07

VOR	ATB	Helibase
27nm 111° ETL: CONES CO V	40nm 349° DRO: Durango CO	13nm 018° ECHB: East Cros
39nm 349° DRO: DURANGO CO	51nm 043° CEZ: Cortez CO	17nm 017° BLHB: Big Lick
42nm 162° MTJ: MONTROSE C	73nm 315° 24N: Dulce NM S	20nm 002° SGHB: Stoney Gu
45nm 046° CEZ: CORTEZ CO	86nm 146° GJT: Grand Juct	22nm 356° C2HB; Clear Cre
45nm 115° HPL: HOPKINS ND	103nm 172° RIL: Rifle CO S	22nm 358° HPHB: Hermosa P

Initial Report On Conditions

Fuels: Timber Acres: 15-20 W Speed: 10-15 Dir: West Slope: 76% Aspect: South

Spread: high Complexity: 3 Jurisdiction: COL

Structures:

Initial Strategy: N/A

Access: Ice Lakes Campground

Fire Report Information

Fire #: 189 SubUnit: COLF SubUnit #: 67

Acres: 320 Size Class: E Elevation: Land Status: USFS

Contain: Control: Out: Statistical Cause: Specific Cause:

Incident Command Post

ICP Location:

Silverton City Hall 1360 Greene St. Silverton, CO 81433

Directions

Sgt Steve (b)(6) CSP

Lat: Lon:

Operations - Expanded:

Operations - ICP: Field OPS: Lance Martin

Planning - Expanded:

Planning - ICP: Plan OPS: lan Barrett

PIO - Expanded:

PIO - ICP: Esther Godson (b)(6)

Staging, Helispots, Phones:

Basin dipsite: 37 48.601 x 107 47.76 Mineral Helispot: 37 48.358 x 107 46.419

Purg Helispot (AC Re-fueling) 37 37.488 x 107 48.722

Staging 37 48.385 X 107 46.432

Explosive Shed 37 48.4 x 107 41.1 - POC Brian Gorsage (b)(6)

